



CITY OF SUGAR LAND

Engineering Department

CIP Project Number: ST0805

Title: University Blvd. Thru Brazos Landing

Project Phase: Design

% of Phase Completion

Design

Construction



Cost for this Phase: \$ 1,500,000

Funding Sources: Certificate of Obligation

Project Manager: Keisha E. Seals

Contractor: TBD

Consultant: Huitt-Zollars (HZ)

Project Description:

Design and construct 4-lane divided arterial from Commonwealth Boulevard to Riverstone through Brazos Landing. Includes the upsized drainage system to ultimately accommodate six lanes. Project to accommodate potential University Blvd. bridge over Brazos River currently being studied for feasibility by FBC.

Justification: Roadway is on Thoroughfare Plan; increased traffic and development pressures reinforce need to expedite project. City preparing to accept responsibility for project through a revision to developer agreement with Riverstone. City will receive FBC mobility bonds, including \$3.25M (2000) plus up to a max of 55% or \$11.2M (2007). Per agreement, Riverstone will pay for road within Brazos Landing & City fronts the construction cost over drainage channels then be reimbursed for some cost via mobility transportation fees.

Updates: **December 2008**-Received the first proposal draft from Huitt Zollars. Each department reviewed the proposal and provided comments. The Engineering Department is anticipating taking the contract to City Council for award in January 2009.

January 2009 – City Council awarded the contract to Huitt-Zollars and a notice to proceed was sent out. Engineering staff met with each affected Levee Improvement District Board to discuss the upcoming project and the affects the project would have on the LIDS.

February 2009 – Project Team met for a kickoff meeting to discuss the various tasks of the project. Surveyors to begin collecting survey data. Coordination with FBC LID #14, FBC LID #2, FC LID #2 were conducted through city staff.

March 2009 – Huitt-Zollars has completed their survey control section and the subconsultant, Amani Engineering, is making good progress with their section of the survey. The geotech will begin drilling at the end of the month (first of April) weather permitting, they are currently receiving clearances from various utilities.

A revised schedule was submitted: <R:\Engineering\CIP\PROJECT FILES\University Blvd South\Contract\UniversityBlvd-AttachD-Schedule.pdf>

April 2009 – Coordination begun with the appropriate LID's concerning crossing their levees. Geotech is continuing with work and utility contacts have been made with private companies.

May 2009 - Geotechnical boring samples have been collected in the field. Laboratory analyses and tests have been completed and a report of findings is under development. The horizontal alignment has been designed and roadway geometry is being developed for 30% plan submittal.

June 2009 – A 30% presubmittal meeting was held to discuss overall progress and outstanding issues. HZ informed us that their surveying subconsultant had a bust in their data which caused HZ to go back and redo some of the surveying. They were able to rectify the issue and now the project schedule is back on track. CPE and DOW Chemical are requesting that the City pay for the process of probing their lines and for any protection needed for their pipes during construction.

July 2009- HZ submitted 30% plans for staff's review.

August 2009- Continued meetings and coordination with LID's and HOA's, providing updates and addressing concerns regarding the project.

September 2009- Staff presented an update to City Council regarding the overview of the project status. A utility coordination meeting was held with the various private franchises regarding the relocation/removal of their utilities as well as the construction regulations the City will have to adhere to during construction.

November 2009 – Project is 60% complete. Staff met with FBISD to discuss the project status. Staff also presented at Brazos Landing Annual HOA meeting and answered questions/concerns regarding the project design (ie: speed limit, signalization, landscaping, etc.). Staff and members of City Council will meet with the Brazos Landing board in December to discuss the project and address residents concerns. Next steps include an update of the project to City Council and ROW acquisition. The project is on schedule.

December 2009 – Project design is 75% complete. Staff and Council Member Chaumette met with members of the Brazos Landing board on December 16, 2009 to discuss their concerns with the design project. The outcome of the meeting were concerns regarding the 45 mph proposed posted speed limit, stop control at Monarch and Elkins roads and landscaping. Staff stated they would address the concerns with the City Council and provide recommendations regarding residents concerns. An FYI will be submitted for the management team in January to discuss in detail the information. Staff anticipates response back to the board at the end of the 1st quarter. A portion of the recommendation includes proposing a signal at Elkins Blvd. This was not a part of the original scope of work therefore HZ will be submitting a proposal for the additional design work. Next steps include continuing preparation for ROW acquisition and a workshop with the City Council. It is anticipated that the project will bid in April 2010 and construction will begin in June 2010. This will depend on the relocation/removal of franchise utilities and the timeliness in which and ROW will be acquired.

January 2010 – Project team set up meetings and met with each utility company individually to discuss conflicts, costs and schedule. Where utility companies have an existing easement the City would be financially responsible for the relocation of the conflicting lines. Staff established this was necessary for Centerpoint Electric and possibly Windstream Communication company. Staff met with Centerpoint Street Lighting division regarding the design layout of the proposed decorative street lights. CPE will be responsible for the design layout and the installation of the conduit, foundations, and lights during construction.

Continue coordination with the various LID's has taken place. Each LID was provided a set of 60% plans for their review and comments back to be incorporated into the final design. Staff will meet with the LID's to discuss construction requirements, staging and schedule. To date, FBC LID 2 and FC LID 2 have not submitted comments for the 60% plans. Staff will submit a formal letter requesting comments by a certain date or staff will assume the plans were sufficient in design and continue forward to 90%.

February 2010 – The consultant informed the staff an environmental permit needed to be obtained from the USACE due to the location of the bridge abutments within the existing wetland area. The permit application was submitted and staff will be coming before City Council with a change order. The environmental permitting process was a special service from the original contract and was not included in the approved contract amount.

Staff provided City Council with an update via a major roadway project workshop. This workshop discussed the previous meeting staff had with the Brazos Landing Board and the recommendations that staff concluded would resolve the issues. City Council provided direction in the areas of a traffic signal at Elkins and UBS, conducting a warrant analysis as well as conducting a analysis to determine if a school zone area is necessary along UBS although the Fort Settlement Middle School is adjacent (fronts) Elkins Road.

Staff will inform the Brazos Landing Board of the changes that will be made to the design to address their concerns.

March 2010 – Staff requested the consultant plat the parts of the roadway that has not currently been platted. In order to accomplish the platting, additional survey was necessary and staff approved the consultant to move forward with the work. The consultant conducted the warrant study and the analysis determined the signal at Elkins did not meet the any warrants and therefore was not warranted at the time. However, management has made the decision based on Council direction to install the signal at the time of construction. Staff will bring the

Change Order for the Environmental permitting, new signal design at Elkins, and additional survey for the platting before City Council in April.

